

**Notice of Allowability**

Application No.

10/007,501

Examiner

Alexander J Kosowski

Applicant(s)

YING, JEFFREY

Art Unit

2125

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 6/18/04.
2. ☒ The allowed claim(s) is/are 1,2,4-9,11-31,33-38,40-60,62-77 and 79-92.
3. ☒ The drawings filed on 14 February 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 5/7/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

*Albert W. Paladini* 7-23-04  
**ALBERT W. PALADINI**  
**PRIMARY EXAMINER**

**DETAILED ACTION**

1) Claims 1-2, 4-9, 11-31, 33-38, 40-60, 62-77 and 79-92 are presented for examination in light of the amendment filed 6/18/04.

***Allowable Subject Matter***

2) Claims 1-2, 4-9, 11-31, 33-38, 40-60, 62-77 and 79-92 are allowed.

3) The following is an examiner's statement of reasons for allowance:

Davis et al (U.S. Pat 6,671,586) teaches a plurality of power switch control circuits, each of said power switch control circuits configured to selectively disengage one or more electrical loads, a plurality of wireless receivers, each connected to one of said power switch control, at least one wireless transmitter, and a central station, said central station causing messages to be transmitted by said at least one wireless transmitter to said power switch control circuits, said power switch control circuits responding thereto by disengaging electrical loads according to locally configurable settings. However, Davis, alone or in combination with the prior art of record, does not specifically teach a power management system wherein one or more of said power switch control circuits comprises a set of controllable switches interposed between a power supply line and said plurality of electrical loads, wherein one or more of said controllable switches at one or more of the power switch control circuits comprises: a deformable member having a first end and a second end, said deformable member anchored at said first end and residing in contact with an electrical conductor at said second end: a heating element in proximity with the deformable member and a switch control signal connected to said heating element, said switch control signal emanating from the power switch control circuit and wherein an incoming wire drawing power from said power supply line is physically connected to the

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deformable member at said second end near the electrical conductor, said incoming power wire being electrically connected to said electrical conductor when the deformable member resides in contact with the electrical conductor, in combination with the remaining elements or features of the claimed invention.

4) Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

5) Although not used in any previous office action, Examiner wishes to add several pieces of related prior art to the record. These have been noted on the attached PTO-892.

6) Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alexander J Kosowski whose telephone number is 703-305-3958. The examiner can normally be reached on Monday through Friday, alternating Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Leo Picard can be reached on 703-308-0538. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306. In addition, the examiner's RightFAX number is 703-746-8370.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

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Alexander J. Kosowski

Patent Examiner

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*Albert W. Paladini 7-23-01*  
ALBERT W. PALADINI  
PRIMARY EXAMINER

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